

Leukaemia Section

Short Communication

t(11;12)(p15;q13)

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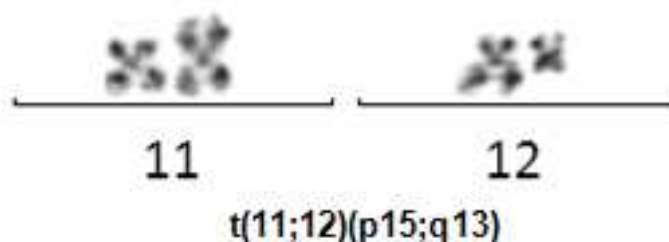
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Identity



t(11;12)(p15;q13) G- banding - Courtesy Melanie Zenger and Claudia Haeflrich.

Clinics and pathology

Disease

Treatment related acute non lymphoblastic leukemia (t-ANLL) so far.

Epidemiology

Only one case; a female patient aged 39 yrs and treated with antitopoisomerase II for Hodgkin disease.

Cytogenetics

Cytogenetics morphological

Showed also a t(17;21)(q11;q22) with AML1 rearrangement.

Genes involved and proteins

Note

The gene involved in 12q13 is unknown.

NUP98

Location : 11p15

DNA/RNA

Alternate splicing.

Protein

Contains repeated motifs and a RNA binding motif; nucleoporin: role in nucleo-cytoplasmic transport.

Result of the chromosomal anomaly

Hybrid gene

Description

5 prime NUP98 - 3 prime unknown.

Fusion protein

Description

Fuses the N-term domains of NUP98 to an undetermined sequence.

References

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Kobzev YN, Rowley JD. NUP98 gene rearrangements in leukemia detected by fluorescence in situ hybridization (FISH). Blood. 1999 ; 94 (numero Suppl 1).

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